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(71) Applicant (for all designated States except US): **KONIN-  
KLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];  
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FISH, David, A.**  
[GB/GB]; c/o Philips Intellectual Property & Standards,  
Cross Oak Lane, Redhill Surrey RH1 5HA (GB). **YOUNG,  
Nigel, D.** [GB/GB]; c/o Philips Intellectual Property &  
Standards, Cross Oak Lane, Redhill Surrey RH1 5HA  
(GB). **LIFKA, Herbert** [AT/NL]; c/o Philips Intellectual

Property & Standards, Cross Oak Lane, Redhill Surrey  
RH1 5HA (GB). **GIRALDO, Andrea** [IT/GB]; c/o Philips  
Intellectual Property & Standards, Cross Oak Lane, Red-  
hill Surrey RH1 5HA (GB). **OEPTS, Wouter** [NL/NL];  
c/o Philips Intellectual Property & Standards, Cross Oak  
Lane, Redhill Surrey RH1 5HA (GB).

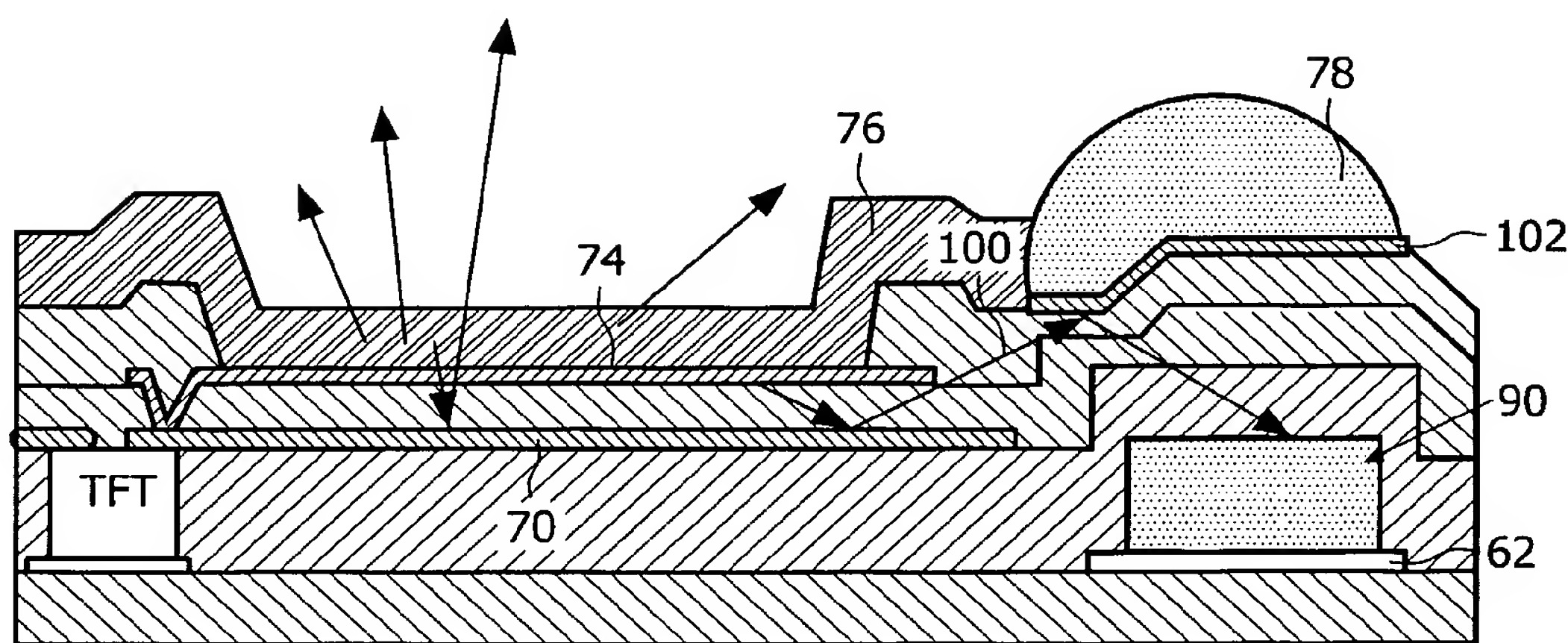
(74) Agents: **WILLIAMSON, Paul, L.** et al.; c/o Philips In-  
tellectual Property & Standards, Cross Oak Lane, Redhill  
Surrey RH1 5HA (GB).

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(54) Title: ELECTROLUMINESCENT DISPLAY DEVICES



(57) Abstract: An active matrix display device comprises an array of display pixels, with each pixel comprising an EL display element, a light-dependent device for detecting the brightness of the display element and a drive transistor circuit for driving a current through the display element. The drive transistor is controlled in response to the light-dependent device output so that ageing compensation can be implemented. The light-dependent device is located laterally of the area of light emitting material of the EL display element. In this way, the lightdependent device does not cause step coverage problems and can be integrated into the pixel layout without affecting the pixel aperture. Furthermore, the light dependent device can extend alongside the full length of the area of light emitting material so that it receives light input from a large part of the display element area.

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